

**LEMON GROVE CITY COUNCIL
AGENDA ITEM SUMMARY**

Item No. 1.F
Mtg. Date October 3, 2017
Dept. Public Works

Item Title: **Calle Norte Storm Drain Installation and Repair Project (Contract No. 2018-05)**

Staff Contact: Mike James, Assistant City Manager / Public Works Director

Recommendation:

Adopt a resolution (**Attachment B**) awarding a contract for the Calle Norte Storm Drain Installation and Repair Project (Contract No. 2018-05).

Item Summary:

In April 2017, City staff was notified of a possible sinkhole and pavement failure in the 8500 block of Calle Norte. Staff inspected the site and performed exploratory construction to determine if there was a cause to the failure. Initial observations yielded an underground water source that caused the subbase to fail which in turn made the pavement directly above the site fail.

The staff report (**Attachment A**) details additional background information, investigate steps that were performed by staff, and the final recommendation to move forward with a construction contract to perform necessary repairs.

Fiscal Impact:

The construction cost estimate totals \$42,552.50 with a project cost estimate of \$47,000.00.

Environmental Review:

☒ Not subject to review

☐ Negative Declaration

☐ Categorical Exemption, Section 15304

☐ Mitigated Negative Declaration

Public Information:

☒ None

☐ Newsletter article

☐ Notice to property owners within 300 ft.

☐ Notice published in local newspaper

☐ Neighborhood meeting

Attachments:

A. Staff Report

B. Resolution

LEMON GROVE CITY COUNCIL STAFF REPORT

Item No. 1.F

Mtg. Date October 3, 2017

Item Title: **Calle Norte Storm Drain Installation and Repair Project (Contract No. 2018-05)**

Staff Contact: Mike James, Assistant City Manager / Public Works Director

Discussion:

In April 2017, City staff was notified of a possible sinkhole and pavement failure in the 8500 block of Calle Norte (Exhibit 1). Engineering and Public Works staff visited the site and concluded that exploratory construction was needed to determine what caused the pavement to fail in that specific location.

After exposing the site by digging 2-3 feet below grade, staff confirmed the presence of groundwater that was saturating the subbase to the point of not being able to support vehicular traffic in the cul-de-sac. Additional observations were noted by Ninyo & Moore Geotechnical and Environmental Services Consultants who visited the site and made observations and recommendations to remediate the groundwater exposure. Staff also requested testing of the groundwater to help determine the source of the water. It was concluded that the water was naturally occurring groundwater and not sourced from any Helix Water District infrastructure. Based on these two test results, City staff was presented with two options to remedy the continued groundwater leakage. First, the City could follow the recommendations as noted in Attachment 2. Second, the City could use a combination of the recommendation in Attachment 2 while also capturing the ground water in a new storm drain pipe and transporting the water to the nearest storm drain inlet on Calle Norte into the City's storm drain system. After consulting with the City Engineer and Public Works staff, the final decision that should remedy the problem is to capture and transport the groundwater into the City's storm drain system.



Exhibit 1: Overhead view of pavement failure

In late April, staff met with MJC Construction on site to request a proposal (**Attachment B – Exhibit 1**) to perform a scope of work that would:

1. Capture all groundwater at the original site and transport the water to the City's storm drain system;
2. Backfill the open pit and trench that will contain the new storm drain pipe; and
3. Remove mature trees that are damaging the existing sidewalk storm drain system.

MJC was selected to provide a proposal because of their significant experience working on storm drain projects in the City as well as pavement rehabilitation projects. MJC has a current and valid

Attachment A

general contractor's license in the State of California and a current business license. Lastly, the amount of the proposal is within the approval authority of staff to perform via force account, invoice or purchase order per Lemon Grove Municipal Code 3.24 which supported the direct solicitation of a proposal rather than formally noticing and perform a public bidding process.

Fiscal Impact:

The proposed amount is \$42,552.50. Based on that total staff is recommending a contingency amount of \$4,447.50, which equals approximately 10 percent. The recommended project cost is \$47,000.00.

As of the date of this report, there is no funding source identified for this work. However, staff believes there are two funding options available to the City Council.

1. The City Council may use General Reserves. This expense is eligible under the reserve policy as an emergency use.
2. The City Council may use a portion of the \$180,000 available in Capital Reserves (Fund 32) towards this project by reprioritizing funding to existing projects and leaving a project as unfunded.

Based on these two funding options, staff recommends that the City Council selects option two. As a summary, Table 1 which is shown below, outlines the projects that were approved with the consolidated budget on June 20, 2017.

Table 1: Facility Acquisition List

Location	Description:	Budget:	Expended:	Revised Budget:
Annex Courtyard	Folding Chairs	\$2,000	\$0	\$2,000
Community Center	Padded Audience Chairs	\$4,000	\$0	\$4,000
	Glass Door Replacement	\$3,000	\$0	\$3,000
	New Paint	\$350	\$0	\$350
	Baby Changing Table	\$400	\$0	\$400
	City Council Chairs (8)	\$3,000	\$0	\$3,000
	<u>New Linoleum Floor</u>	<u>\$8,000</u>	<u>\$0</u>	<u>\$0</u>
Fire Department	Roll Up Door Sensors/Bumpers	\$7,000	\$0	\$7,000
	Furnace and A/C Unit	\$11,000	\$0	\$11,000
Lemon Blossom Hall	Restroom Countertops	\$6,000	\$0	\$6,000
	Restroom Mirrors	\$1,200	\$0	\$1,200
	New Linoleum Floor	\$14,000	\$0	\$14,000
	8' Mobile Tables (4)	\$3,000	\$0	\$3,000

Attachment A

Location	Description:	Budget:	Expended:	Revised Budget:
	Baby Changing Table	\$400	\$0	\$400
Recreation Center	Counter Top and Cabinets	\$800	\$0	\$800
	Activity Room Frame Repair	\$2,000	\$0	\$2,000
	Shade Structure Pad Replacement	\$1,000	\$0	\$1,000
	Gym Wall Mat Replacement	\$500	\$0	\$500
	Foosball Table	\$400	\$0	\$400
	Baby Changing Table	\$400	\$0	\$400
	Gym Door Replacement	\$6,000	\$0	\$6,000
Public Works	Conference Flooring	\$500	\$0	\$500
Capital Equipment/Structure	Auto Scrubber	\$9,000	\$0	\$9,000
	One Ton Roller	\$31,000	\$31,058	\$31,058
	Playground Equipment	\$5,000	\$0	\$5,000
	Sheriff/City Hall Wall Repairs	\$20,000	\$20,200	\$20,200
Totals		\$139,950	\$51,258	\$132,208

When the City Council approved the funding of the projects listed above, there was an unallocated fund balance of \$40,050. By allocating that amount to the estimated Calle Norte project budget, there is still a budget short fall of \$6,950. Taking into consideration the projects that have an impact on life safety services and facility rental revenues, staff recommendations that the funds allocated to the installation of a new linoleum flooring in the Community Center for \$8,000 is not funded. The project will remain on the project list for facility improvements but it will be listed as unfunded. Staff will continue to review all costs as purchases are made and if any savings are realized those amounts will be allocated to the linoleum floor project.

Conclusion:

Staff recommends that the City Council adopts a resolution (**Attachment B**) awarding the Calle Norte Storm Drain Installation and Repair Project (Contract No. 2018-05) to MJC Construction and establish a project budget not to exceed \$47,000 (**Attachment B – Exhibit 1**).

Attachment B

RESOLUTION NO. 2017 - _____

RESOLUTION OF THE LEMON GROVE CITY COUNCIL AWARDING A CONTRACT FOR CALLE NORTE STORM DRAIN INSTALLATION AND REPAIR PROJECT (CONTRACT NO. 2018-05)

WHEREAS, the City is responsible for maintaining all public streets in the City's street inventory; and

WHEREAS, in April 2017, City staff discovered a portion of pavement failing in the cul-de-sac in the 8500 block of Calle Norte, which is a publicly owned and maintained street, that was caused by a naturally occurring underground water source; and

WHEREAS, staff requested a proposal from MJC Construction to repair the pavement and install a new storm drain pipe transporting the groundwater to the City's storm drain system; and

WHEREAS, this project is unfunded and a reallocation of funds is necessary to complete said project; and

WHEREAS, the City Council finds it in the public interest that a contract for said repairs is awarded.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Lemon Grove, California hereby:

1. Awards a contract to MJC Construction in the amount of \$42,552.20 and establishes a project budget not to exceed \$47,000.00; and
2. Allocates \$47,000.00 from Fund 32 – Capital Reserve Fund to complete said project; and
3. Authorizes the City Manager or her designee to execute said proposal and manage the construction project (**Attachment B - Exhibit 1**).

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Attachment B – Exhibit 1



CONSTRUCTION

LIC# 754128
3015 Sylvia Street
Bonita, CA 91902
PH: 619-472-5619

Proposal / Contract

Project# _____

Proposal Date: 9/13/2017

Proposal #: 021061

Bill To:

City of Lemon Grove
3232 Main St
Lemon Grove, Ca
Att: Tom Bell

Item	Description	Qty	Rate	Total
17-073	<p>SITE #1 /Calle Del Norte and Las Palmas</p> <ol style="list-style-type: none"> 1. 35X5X2 trench. 2. Line trench with filter fabric 3. Install 3/4 " rock 4. Install 35 ' of 6" perforated drain pipe 5. Trench 320'X15"X4' to existing catch basin 6. Install 320' of SDR35 pipe 7. Install two double clean outs per City specifications 8.Pave trench with 4" AC....(\$36,552.50) <p>SITE #2 / Calle Las Palmas</p> <ol style="list-style-type: none"> 1. Install 24"X24" brooks box type catch basin with traffic gate 2. Trench 60'X15"X3' to existing catch basin 3.Install 70' of SDR35 6"pipe and connect to existing basin 4. Trench pave at 4" to grade....(\$4,500.00) <p>SITE#3 / Calle del Norte</p> <ol style="list-style-type: none"> 1. Remove stump, grind pre marked Mexican fan palms (5) to expose City lighting and install D25 sidewalk drain...(\$1,500.00) <p>Includes: All material and labor,Labor included in this proposal is in compliance with prevailing wages. Traffic control</p> <p>Excludes: Surveying, soils tests. inspection fees, permits , night and weekend work.</p>		42,552.50	42,552.50

Approved By: _____

Total

\$42,552.50